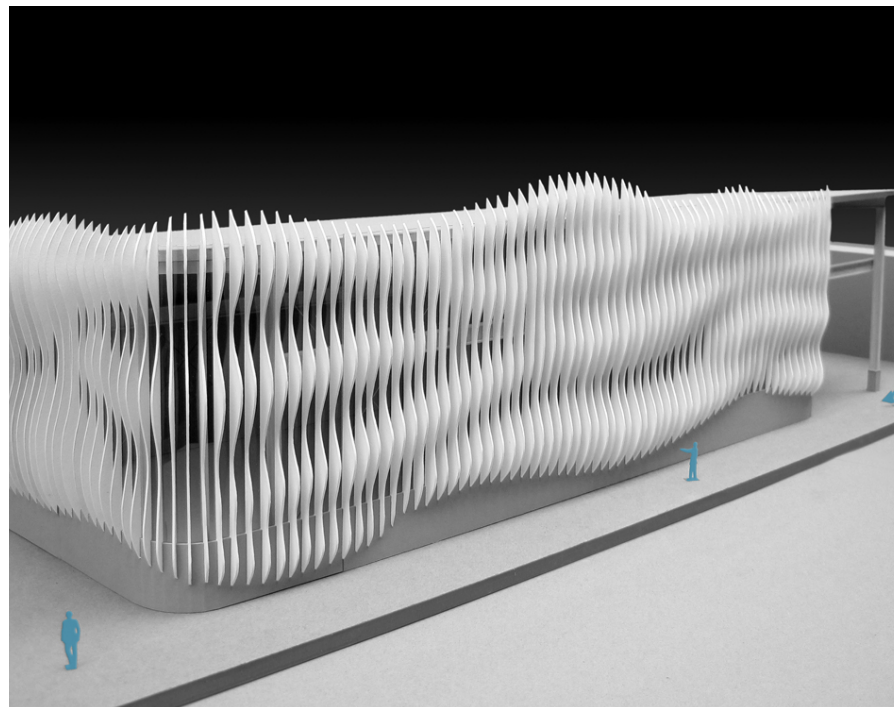


Zahner Factory Expansion

case study
By Gaosi Wang

Location: Kansas City, Missouri, USA



Architect: Crawford Architects

Owner: N/A

Building Type: Industrial

Year of completion: 2011

Climate: Humid Subtropical Climate

Material of interest: woven metal

Application: Exterior Façade

Properties of material: The final graphite concept sketch drew inspiration from multiple patterns to create a form that was specific to the proportions and context of the expansion. Once the sketch was complete, a computer based algorithm converted the sketch's tonal values into a 3-dimensional digital surface model of the façade. The resulting form grows out of the rigid, solid geometry of the existing building's east façade with a single sweeping motion, and increases in complexity as it moves around the corner to the west, paying tribute to both Zahner's past and future.

Sources:

<http://www.archdaily.com/169206/>